435129
SEQUENCE LISTING

<110>   The Government of the United States of America as
        represented by the Secretary of the Department of Health and
        Human Services, Centers for Disease Control and Prevention
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        Ndongmo, Clement B
        Pau, Chou-Pong
        Switzer, William M.
        Folks, Thomas M.

<120>   Multiple Antigenic Peptide Assay for Detection of HIV or SIV Type
        Retroviruses

<130>   6395-67856-06

<150>   US 60/462,071
<151>   2003-04-11

<150>   PCT/US2004/011022
<151>   2004-04-08

<160>   30

<170>   PatentIn version 3.2

<210>   1
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<220>
<223>   SIVcpzGab virus

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Trp Gly Cys Ser Gly Lys Ala Val Cys Tyr Thr
1   5   10

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Trp Gly Cys Ser Gly Lys Ala Ile Cys Tyr Thr
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Trp Gly Cys Ala Trp Lys Gln Val Cys His Thr
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Trp Gly Cys Ala Phe Lys Gln Val Cys His Thr
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Trp Gly Cys Gln Trp Lys Gln Val Cys His Thr
1   5   10

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<400> 8

Ile Gly Cys Ala Asn Met Gln Ile Cys Arg Thr
1   5   10

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<400> 9

Phe Gly Cys Ala Trp Arg Gln Val Cys His Thr
1   5   10

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Trp Gly Cys Ser Phe Ser Gln Val Cys His Thr
1   5   10

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<400> 11

Trp Gly Cys Ser Trp Ala Gln Val Cys His Thr

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<400>   12

Trp Gly Cys Ala Phe Lys Gln Ile Cys His Thr
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<400>   13

Trp Gly Cys Ala Phe Lys Gln Ile Cys His Thr
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Arg Gly Glu Val Gln Ile Gly Pro Gly Met Thr Phe Tyr Asn Ile
1   5   10   15

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Val Leu Pro Val Thr Ile Met Ser Gly Leu Val Phe His Ser Gln
1   5   10   15

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Val Leu Pro Val Thr Ile Met Ala Gly Leu Val Phe His Ser Gln
1               5                   10                  15


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Ile Lys Asn Ile Gln Leu Ala Ala Gly Tyr Phe Leu Pro Val Ile
1               5                   10                  15


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Glu Val Ser Thr Ile Ser Ser Thr Gly Leu Leu Phe Tyr Tyr Gly
1               5                   10                  15


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His Arg Asn Leu Asn Thr Ala Asn Gly Ala Lys Phe Tyr Tyr Glu
1               5                   10                  15


<210>  20
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<400> 20

Val Lys Gly Ile Ser Leu Ala Thr Gly Val Phe Ile Ser Leu Arg
1   5   10   15

<210> 21
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Ile Val Ser Val Pro Ser Ala Ser Gly Leu Ile Phe Tyr His Gly
1   5   10   15

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<400> 22

Tyr Arg Ala Val His Met Ala Thr Gly Leu Ser Phe Tyr Thr Thr
1   5   10   15

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Asn Asn Thr Arg Gly Glu Val Gln Ile Gly Pro Gly Met Thr Phe Tyr
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Asn Ile Glu Asn Val Val Gly Asp Thr Arg Ser Ala
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Asn Arg Ser Val Val Ser Thr Pro Ser Ala Thr Gly Leu Leu Phe Tyr
1   5   10   15

His Gly Leu Glu Pro Gly Lys Asn Leu Lys Lys Gly
            20   25

<210> 25
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<400> 25

Asn Lys Thr Val Leu Pro Val Thr Ile Met Ala Gly Leu Val Phe His
1   5   10   15

Ser Gln Lys Tyr Asn Thr Arg Leu Arg Arg Gln Ala
            20   25

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<400> 26

Asn Lys Thr Val Leu Pro Val Thr Ile Met Ser Gly Leu Val Phe His
1   5   10   15

Ser Gln Pro Ile Asn Glu Arg Pro Lys Gln Ala
            20   25

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<212> PRT
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Leu Ala Val Glu Arg Tyr Leu Gln Asp Gln Gln Ile Leu Gly Leu Trp
1               5                   10                  15
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Gly Cys Ser Gly Lys Ala Val Cys
            20
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<210>   28
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<400>   28

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Thr Ser Leu Glu Asn Tyr Ile Lys Asp Gln Ala Leu Leu Ser Gln Trp
1               5                   10                  15
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Gly Cys Ser Trp Ala Gln Val Cys
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<210>   29
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<220>
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<400>   29

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Thr Ala Leu Glu Lys Tyr Leu Glu Asp Gln Ala Arg Leu Asn Ile Trp
1               5                   10                  15
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Gly Cys Ala Phe Arg Gln Val Cys
            20
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<210>   30
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<400>   30

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Thr Ala Ile Glu Lys Tyr Leu Lys Asp Gln Ala Lys Leu Asn Ser Trp
1               5                   10                  15
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Gly Cys Ala Phe Arg Gln Val Cys
          20